

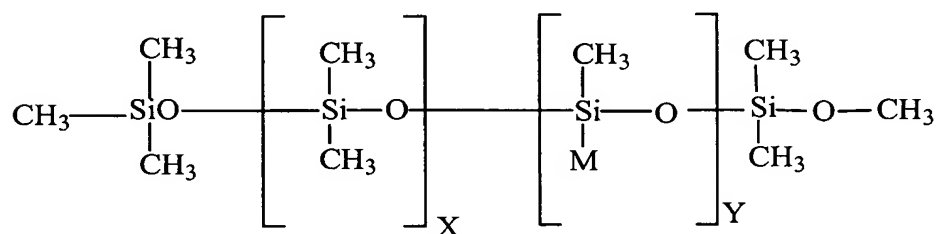
WHAT IS CLAIMED IS:

1. A dye-donor element having a dye-donor layer, wherein the dye-donor element comprises a stick preventative agent, and wherein the dye-donor element, printed at a line speed of 2.0 ms/line or less, produces a defect-free image with a density of two or greater.
2. The dye-donor element of Claim 1, wherein the stick preventative agent is in the dye-donor layer.
3. The dye-donor element of Claim 1, further comprising at least one of a support, a dye-barrier layer, a slip layer, or an adhesive layer.
4. The dye-donor element of Claim 3, wherein the support is $\leq 7 \mu\text{m}$.
5. The dye-donor element of Claim 3, wherein the stick preventative agent is in the dye-donor layer and the slip layer.
6. The dye-donor element of Claim 3, wherein the stick preventative agent is present in one or more of the support, dye-barrier layer, or adhesive layer.
7. The dye-donor element of Claim 1, wherein the print speed is 1.5 ms/line or less.
8. The dye-donor element of Claim 1, wherein the print speed is 1.0 ms/line or less.
9. The dye-donor element of Claim 1, further having a dye to binder ratio of at least 0.6.
10. The dye-donor element of Claim 1, wherein the stick preventative agent is added in an amount of from about 0.001 g/m^2 to about 0.01 g/m^2 .

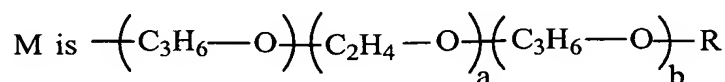
11. The dye-donor element of Claim 1, wherein the stick preventative agent is added in an amount of from about 0.0003 g/m² to about 0.0015 g/m².

12. The dye-donor element of Claim 1, wherein the stick preventative agent is a polydimethylsiloxane, a polyalkyleneoxide modified polydimethylsiloxane, an acrylic functional polyester modified polydimethylsiloxane, a dimethylsiloxane-ethylene oxide block copolymer; a polyalkyleneoxidimethylsiloxane copolymer; a (polyethyleneoxide) siloxane, a cyclotetrasiloxane, an octamethylcyclotetrasiloxane, a phenylheptamethyl cyclotetrasiloxane, a polymethyltetradecylsiloxane, a polymethyloctadecylsiloxane, a methyl-3,3,3-trifluoropropylsiloxane, a polypropyleneoxide siloxane copolymer; an epoxy functional silicone, an amine functional silicone, an alpha-methyl styrene, a hexamethoxymethyl melamine, a polytetrafluoroethylene, or a combination thereof.

13. The dye-donor element of Claim 1, wherein the stick preventative agent is a polyoxyalkylene-modified dimethylsiloxane graft copolymer of the formula:

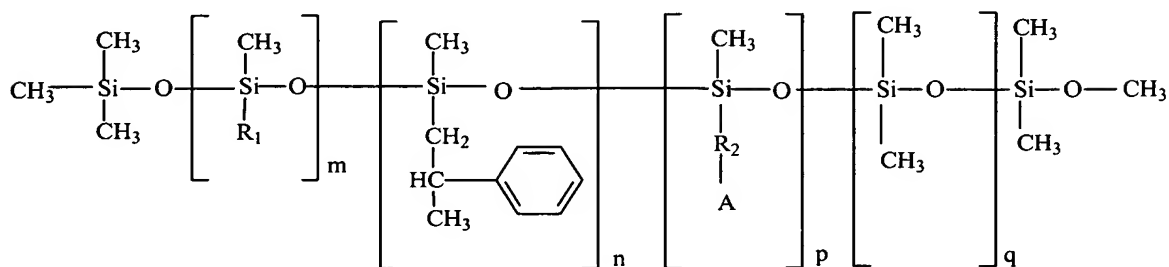


wherein



R represents hydrogen or an alkyl group having from 1 to about 4 carbon atoms; X is 0 to 10; Y is 0.5 to 2; a is 0 to 100; b is 0 to 100; and a+b is greater than 45.

14. The dye-donor element of Claim 1, wherein the stick preventative agent is a siloxane polymer of the formula:



wherein R_1 is an alkyl chain of C_9H_{19} or greater, R_2 is an alkyl chain of C_3H_6 or greater, A is $NH-R_3$, $NHNH_2$, or $NHCO-R_3$, R_3 is an alkyl chain of C_2H_5 or greater, m is from about 0 to 95 weight percent, n is from about 0 to about 70 weight percent, and p is from 0 to about 40 weight percent, q is from 0 to 95 weight percent, with the proviso that when m is 0, then n is 0, and R_3 is an alkyl chain of C_8H_{17} or greater, otherwise when m is greater than 0, n is from 0.1 to 70 weight percent, based on the total weight of the stick preventative agent.

15. A dye-donor element having a dye-donor layer, wherein the dye-donor element comprises a stick preventative agent, and wherein the dye-donor element, printed at a line speed of 2.0 ms/line or less, produces a defect-free image with a print to fail value of at least four.

16. The dye-donor element of Claim 15, wherein the print to fail value is at least six.

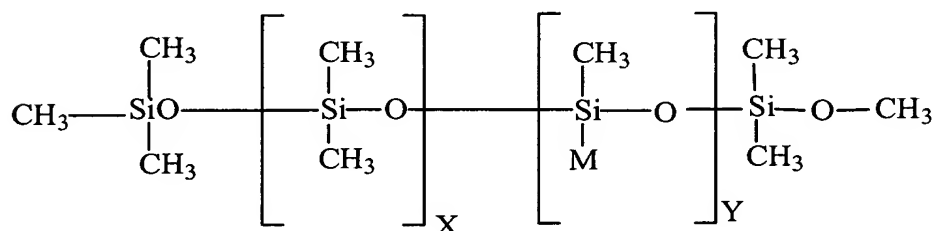
17. The dye-donor element of Claim 15, wherein the image has a density of two or greater.

18. The dye-donor element of Claim 15, wherein the stick preventative agent is in the dye-donor layer.

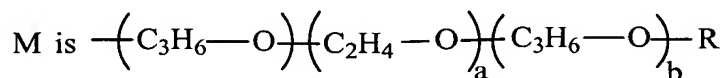
19. The dye-donor element of Claim 15, further comprising at least one of a support, dye-barrier layer, a slip layer, or an adhesive layer.
20. The dye-donor element of Claim 19, wherein the support is $\leq 7 \mu\text{m}$.
21. The dye-donor element of Claim 19, wherein the stick preventative agent is present in the dye-donor layer and the slip layer.
22. The dye-donor element of Claim 19, wherein the stick preventative agent is present in one or more of the support, dye-barrier layer, or adhesive layer.
23. The dye-donor element of Claim 15, wherein the print speed is 1.5 ms/line or less.
24. The dye-donor element of Claim 15, wherein the print speed is 1.0 ms/line or less.
25. The dye-donor element of Claim 15, further having a dye to binder ratio of at least 0.6.
26. The dye-donor element of Claim 15, wherein the stick preventative agent is added in an amount of from about 0.001 g/m^2 to about 0.01 g/m^2 .
27. The dye-donor element of Claim 15, wherein the stick preventative agent is added in an amount of from about 0.0003 g/m^2 to about 0.0015 g/m^2 .
28. The dye-donor element of Claim 15, wherein the stick preventative agent is a polydimethylsiloxane, a polyalkyleneoxide modified polydimethylsiloxane, an acrylic functional polyester modified polydimethylsiloxane, a dimethylsiloxane-ethylene oxide block copolymer; a polyalkyleneoxidimethylsiloxane copolymer; a (polyethyleneoxide) siloxane, a cyclotetrasiloxane, an

octamethylcyclotetrasiloxane, a phenylheptamethyl cyclotetrasiloxane, a polymethyltetradecylsiloxane, a polymethyloctadecylsiloxane, a methyl-3,3,3-trifluoropropylsiloxane, a polypropyleneoxide siloxane copolymer; an epoxy functional silicone, an amine functional silicone, an alpha-methyl styrene, a hexamethoxymethyl melamine, a polytetrafluoroethylene, or a combination thereof.

29. The dye-donor element of Claim 15, wherein the stick preventative agent is a polyoxyalkylene-modified dimethylsiloxane graft copolymer of the formula:

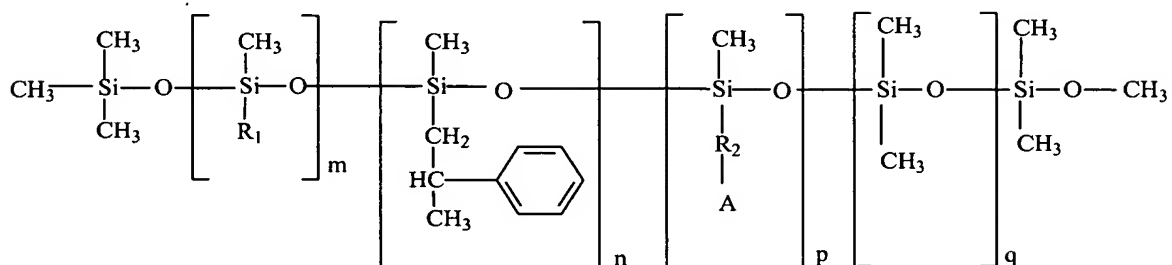


wherein



R represents hydrogen or an alkyl group having from 1 to about 4 carbon atoms; X is 0 to 10; Y is 0.5 to 2; a is 0 to 100; b is 0 to 100; and a+b is greater than 45.

30. The dye-donor element of Claim 15, wherein the stick preventative agent is a siloxane polymer of the formula:



wherein R_1 is an alkyl chain of C_9H_{19} or greater, R_2 is an alkyl chain of C_3H_6 or greater, A is $NH-R_3$, $NHNH_2$, or $NHCO-R_3$, R_3 is an alkyl chain of C_2H_5 or greater, m is from about 0 to 95 weight percent, n is from about 0 to about 70 weight percent, and p is from 0 to about 40 weight percent, q is from 0 to 95 weight percent, with the proviso that when m is 0, then n is 0, and R_3 is an alkyl chain of C_8H_{17} or greater, otherwise when m is greater than 0, n is from 0.1 to 70 weight percent, based on the total weight of the stick preventative agent.

31. A printing assembly comprising the dye-donor element of Claim 1 and a receiver element.

32. A printing assembly comprising the dye-donor element of Claim 15 and a receiver element.

33. A method of printing an image comprising image-wise transferring dye from a dye-donor element to a receiver element, wherein the image-wise transfer occurs at a line speed of 2.0 ms/line or less, the image has a density of two or greater, and the dye-donor element comprises a stick preventative agent.

34. A method of printing an image comprising image-wise transferring dye from a dye-donor element to a receiver element, wherein the image-wise transfer occurs at a line speed of 2.0 ms/line or less, the dye-donor element has a print to fail value of at least four, and the dye-donor element comprises a stick preventative agent.